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Low offset and low glitch energy charge pump for PLL-based timing recovery systems  $% \left( 1\right) =\left( 1\right) +\left( 1\right)$ 

Myles Wakayama

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	ORIGINAL CROSS REFERENCE(S)								
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TERMINAL		DRAWINGS		CLAIMS ALLOWED		
L DISCLAIMER	Sheets Drwg.	Figs. Drwg.	Print Fig.	Total Claims	Print Claim for O.G.	
☐ The term of this patent				NOTICE OF ALL	OWANCE MAILED	
subsequent to (date) has been disclaimed.	(Assistant	Examiner)	(Date)			
The term of this patent shall						
not extend beyond the expiration date of U.S Patent. No.				ISSUE FEE		
				Amount Due	Date Paid	
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this patent have been disclaimed.	(Legal Instrum	ents Examiner)	(Date)			
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